

✓Please AMEND the application as follows.

✓Please CANCEL claim 12.

✓Please REPLACE claims 8-11 as follows.

C' 8. (Twice Replaced) The electric motor as claimed in claim 7, wherein the rotor and position sensors operate in the presence of one or more solvents and the connecting leads of the positions sensors are led to a space outside the presence of solvents.

9. (Twice Replaced) The electric motor as claimed in claim 7, wherein the electrical conductor is a coil.

10. (Thrice Replaced) The electric motor as claimed in claim 7, wherein the electrical conductor is a wire arranged parallel to the shaft.

11. (Thrice Replaced) The electric motor as claimed in claim 7, further comprising position magnets comprising a second set of permanent magnets positioned on a disk, wherein the disk and position sensors are vertically displaced from the rotor and the disk is arranged for rotation about the shaft opposite the position sensors.